

WHAT IS CLAIMED IS:

1. A torque adjustable screw driver comprising:

a handle;

a first disk rotatably connected to an end of the handle and having

5 a first inclined end surface defined in a top thereof, a plurality of protrusions extending from the first inclined end surface;

a second disk having a second inclined end surface defined in a bottom thereof, a plurality of grooves defined in the second inclined end surface, the second inclined end surface contacting the first inclined end
10 surface;

a sleeve mounted to the first and second disks and a board assembly rotatably engaged with an inner periphery of the sleeve, a spring biased between the second disk and the board assembly, and

a shank having a first section with a polygonal cross section, the
15 first section rotatably extending through a first hole in a close top of the sleeve and securely extending through a polygonal hole defined through the board assembly, a distal end of the first section extending through the spring, a second hole in the second disk, a third hole in the first disk and being fixed to the handle.

20 2. The screw driver as claimed in claim 1, wherein the sleeve includes a slot defined through a wall thereof and the first disk has an extension extending radially therefrom, the extension extending through the slot of the sleeve.

3. The screw driver as claimed in claim 1, wherein the board assembly includes a first board and a second board, the polygonal hole defined through the first board which has a toothed bottom surface, the second board having a fourth hole and a toothed top surface which is
5 matched with the toothed bottom surface of the first board.

4. The screw driver as claimed in claim 1, wherein the sleeve includes a first engaging groove defined in an inner periphery thereof and the board assembly includes a flange on an outer periphery thereof, the flange of the board assembly rotatably engaged with the first engaging
10 groove.

5. The screw driver as claimed in claim 1 further comprising an end member which includes a top board and an insertion which is inserted in a recess defined in the handle, the first disk rotatably put on a top surface of the top board, a passage defined through the end member and the first
15 section of the shank extending through the passage and being fixed by a C-shaped clip.

6. The screw driver as claimed in claim 5 further comprising two side slots which communicate with the recess of the handle, the insertion having two wings which are inserted in the two side slots.

20 7. The screw driver as claimed in claim 1 further comprising a second section having a circular cross section and a polygonal recess defined in a distal end of the second section.

8. The screw driver as claimed in claim 7, wherein an outer diameter of the second section of the shank is larger than an inner diameter of the first hole of the sleeve.